

COMBINED DECLARATION AND POWER OF ATTORNEY

As a ~~below~~ named inventor, I hereby declare that:

This declaration is of the following type:

- ☒ original
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part

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INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ELECTROLESS PLATING SYSTEM

SPECIFICATION IDENTIFICATION

The specification of which:

- ☐ is attached hereto
- ☒ was filed on **12/26/2001**, under Serial No. 10/036,321, executed on even date herewith; or
- ☐ Express Mail No. (as Serial No. not yet known) and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

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- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. 119)

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- A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. 119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
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<input type="checkbox"/> Yes	<input type="checkbox"/> No
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Country:

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I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
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Send correspondence to:

Direct telephone calls to:

Patent Counsel
APPLIED MATERIALS, INC.
P.O. Box 450-A
Santa Clara, CA 95052

B. Todd Patterson
MOSER, PATTERSON & SHERIDAN, L.L.P.

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of **first** inventor: JOSEPH J. STEVENS

Inventor's signature: Joseph J. Stevens Date: 2/22/02
Residence: San Jose, California 95123
Post Office Address: 5653 Enning Avenue
U.S.A. Country of Citizenship: USA

Full name of **second** inventor: DMITRY LUBOMIRSKY

Inventor's signature: _____ Date: _____
Residence: Cupertino, California 95120
Post Office Address: 20200 Lucille Avenue #98

U.S.A. Country of Citizenship: ISRAEL

Full name of **third** inventor: **IAN PANCHAM**

Inventor's signature: _____ Date: _____
Residence: San Francisco, California 94110
Post Office Address: 1016 Florida Street
U.S.A. Country of Citizenship: USA

Full name of **fourth** inventor: **DONALD J. OLGADO**

Inventor's signature: _____ Date: _____
Residence: Palo Alto, California 94301
Post Office Address: 831 Melville Avenue
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: **HOWARD E. GRUNES**

Inventor's signature: _____ Date: _____
Residence: Santa Clara, California 95062
Post Office Address: 237 Trevethan Avenue
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: **YEUK-FAI EDWIN MOK**

Inventor's signature: _____ Date: _____
Residence: San Francisco, California 94132
Post Office Address: 194 Stone Crest Drive
U.S.A. Country of Citizenship: USA

Full name of **seventh** inventor: **GIRISH DIXIT**

Inventor's
signature: _____ Date: _____
Residence: San Jose, California 95135
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Post Office Address: 831 Melville Avenue
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: **HOWARD E. GRUNES**

Inventor's signature: _____ Date: _____
Residence: Santa Clara, California 95062
Post Office Address: 237 Trevethan Avenue
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: **YEUK-FAI EDWIN MOK**

Inventor's signature: _____ Date: _____
Residence: San Francisco, California 94132
Post Office Address: 194 Stone Crest Drive
U.S.A. Country of Citizenship: USA

Full name of **seventh** inventor: **GIRISH DIXIT**

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ATTY. DKT. NO. AMAT/6120/CPI/ECP/PJS

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Full name of **third** inventor: **IAN PANCHAM**

Inventor's signature: *Ian A. Pancham* Date: FEBRUARY 21, 2002
Residence: San Francisco, California 94110
Post Office Address: 1016 Florida Street
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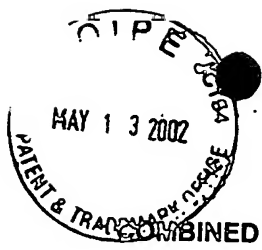
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I hereby claim the benefit under Title 35, United States Code, 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

- ☒ No such applications have been filed
- ☐ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
		<u>Patented</u> <u>Pending</u> <u>Abandoned</u>

U.S.A. Country of Citizenship: ISRAEL

Full name of **third** inventor: **IAN PANCHAM**

Inventor's signature: _____ Date: _____
Residence: San Francisco, California 94110
Post Office Address: 1016 Florida Street
U.S.A. Country of Citizenship: USA

Full name of **fourth** inventor: **DONALD J. OLGADO**

Inventor's signature: _____ Date: _____
Residence: Palo Alto, California 94301
Post Office Address: 831 Melville Avenue
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: **HOWARD E. GRUNES**

Inventor's signature: Howard Grunes Date: 2/22/02
Residence: Santa Clara, California 95062
Post Office Address: 237 Trevethan Avenue
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: **YEUK-FAI EDWIN MOK**

Inventor's signature: _____ Date: _____
Residence: San Francisco, California 94132
Post Office Address: 194 Stone Crest Drive
U.S.A. Country of Citizenship: USA

Full name of **seventh** inventor: **GIRISH DIXIT**

Inventor's signature: _____ Date: _____
Residence: San Jose, California 95135
Post Office Address: 3258 Reserve Court
U.S.A. Country of Citizenship: INDIA

(Declaration ends with this page)



COMBINED DECLARATION AND POWER OF ATTORNEY

As a bel w named inventor, I hereby d clare that:

This declaration is of the following type:

- ☒ original
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ELECTROLESS PLATING SYSTEM

SPECIFICATION IDENTIFICATION

The specification of which:

- ☐ is attached hereto
- ☒ was filed on **12/26/2001**, under Serial No. 10/036,321 , executed on even date herewith; or
- ☐ Express Mail No.(as Serial No. not yet known) and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, 1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. 119)

I hereby claim for priority benefits under Title 35, United States Code, 119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

- A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. 119**

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

- B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application**

Country:
Application No:
Filing date:

- C. U.S. Provisional Application filed within 12 months prior to this application**

<u>Serial No.</u>	<u>Filing Date</u>
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PRIORITY CLAIM (35 U.S.C. 120)

I hereby claim the benefit under Title 35, United States Code, 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☒ No such applications have been filed
☐ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
		<u>Patented</u> <u>Pending</u> <u>Abandoned</u>

U.S.A. Country of Citizenship: ISRAEL

Full name of **third** inventor: **IAN PANCHAM**

Inventor's signature: _____ Date: _____
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Post Office Address: 1016 Florida Street
U.S.A. Country of Citizenship: USA


Full name of **fourth** inventor: **DONALD J. OLGADO**

Inventor's signature: _____ Date: _____
Residence: Palo Alto, California 94301
Post Office Address: 831 Melville Avenue
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: **HOWARD E. GRUNES**

Inventor's signature: _____ Date: _____
Residence: Santa Clara, California 95062
Post Office Address: 237 Trevethan Avenue
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: **YEUK-FAI EDWIN MOK**

Inventor's signature:  Date: March 7, 2002
Residence: ~~San Francisco, California 94132~~
Post Office Address: 194 Stone Crest Drive
U.S.A. Country of Citizenship: USA

Full name of **seventh** inventor: **GIRISH DIXIT**

Inventor's signature: _____ Date: _____
Residence: San Jose, California 95135
Post Office Address: 3258 Reserve Court
U.S.A. Country of Citizenship: INDIA

(Declaration ends with this page)



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☒ original
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ELECTROLESS PLATING SYSTEM

SPECIFICATION IDENTIFICATION

The specification of which:

- ☐ is attached hereto
- ☒ was filed on **12/26/2001**, under Serial No. 10/036,321, executed on even date herewith; or
- ☐ Express Mail No. (as Serial No. not yet known) and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, 1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. 119)

I hereby claim foreign priority benefits under Title 35, United States Code, . 119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

- A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. 119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

- B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

- C. U.S. Provisional Application filed within 12 months prior to this application

<u>Serial No.</u>	<u>Filing Date</u>
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PRIORITY CLAIM (35 U.S.C. 120)

I hereby claim the benefit under Title 35, United States Code, . 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, . 112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☒ No such applications have been filed
☐ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
		<u>Patented</u> <u>Pending</u> <u>Abandoned</u>

U.S.A. Country of Citizenship: ISRAEL

Full name of **third** inventor: **IAN PANCHAM**

Inventor's signature: _____ Date: _____
Residence: San Francisco, California 94110
Post Office Address: 1016 Florida Street
U.S.A. Country of Citizenship: USA

Full name of **fourth** inventor: **DONALD J. OLGADO**

Inventor's signature: _____ Date: _____
Residence: Palo Alto, California 94301
Post Office Address: 831 Melville Avenue
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: **HOWARD E. GRUNES**

Inventor's signature: _____ Date: _____
Residence: Santa Clara, California 95062
Post Office Address: 237 Trevethan Avenue
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: **YEUK-FAI EDWIN MOK**

Inventor's signature: _____ Date: _____
Residence: San Francisco, California 94132
Post Office Address: 194 Stone Crest Drive
U.S.A. Country of Citizenship: USA

Full name of **seventh** inventor: **GIRISH DIXIT**

Inventor's signature: Girish Dixit Date: 2/21/02
Residence: San Jose, California 95135
Post Office Address: 3258 Reserve Court
U.S.A. Country of Citizenship: INDIA

(Declaration ends with this page)